

10027906_CLS
Most Frequently Occurring Classifications of Patents Returned
From A Search of 10027906 on March 16, 2005

Original Classifications

6 372/45
3 372/46
3 372/50
2 359/248
2 385/130
2 385/132
2 438/43

Cross-Reference Classifications

4 257/98
4 372/45
4 372/46
4 372/50
4 385/141
3 372/48
3 372/96
3 385/144
2 257/80
2 257/84
2 257/88
2 372/44
2 385/130
2 385/14
2 385/40

Combined Classifications

10 372/45
7 372/46
7 372/50
4 257/98
4 372/96
4 385/130
4 385/141
3 372/48
3 385/14
3 385/144
3 438/43
2 257/80
2 257/84
2 257/88
2 359/248
2 372/44
2 385/123

385/130, 132

✓
385/9, 14 ✓

359/333

359/245 ✓

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10027906_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 10027906 on March 16, 2005

10	372/45	(6 OR, 4 XR)
	Class 372 :	COHERENT LIGHT GENERATORS
	372/39	PARTICULAR ACTIVE MEDIA
	372/43	.Semiconductor
	372/44	..Injection
	372/45	...Particular confinement layer
7	372/46	(3 OR, 4 XR)
	Class 372 :	COHERENT LIGHT GENERATORS
	372/39	PARTICULAR ACTIVE MEDIA
	372/43	.Semiconductor
	372/44	..Injection
	372/46	...Particular current control structure
7	372/50	(3 OR, 4 XR)
	Class 372 :	COHERENT LIGHT GENERATORS
	372/39	PARTICULAR ACTIVE MEDIA
	372/43	.Semiconductor
	372/44	..Injection
	372/50	...Monolithic integrated
4	257/98	(0 OR, 4 XR)
	Class 257 :	ACTIVE SOLID-STATE DEVICES
	257/79	INCOHERENT LIGHT EMITTER STRUCTURE
	257/98	.With reflector, opaque mask, or optical
f		element (e.g., lens, optical fiber, index o
refraction		matching layer, luminescent material layer,
filter)		integral with device or device enclosure or
package		
4	372/96	(1 OR, 3 XR)
	Class 372 :	COHERENT LIGHT GENERATORS
	372/92	PARTICULAR RESONANT CAVITY
	372/96	.Distributed feedback
4	385/130	(2 OR, 2 XR)
	Class 385 :	OPTICAL WAVEGUIDES
	385/129	PLANAR OPTICAL WAVEGUIDE
	385/130	.Thin film optical waveguide
4	385/141	(0 OR, 4 XR)

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 Class 385 : OPTICAL WAVEGUIDES
 385/141 HAVING PARTICULAR OPTICAL CHARACTERISTIC
 MODIFYING CHEMICAL COMPOSITION

3 372/48 (0 OR, 3 XR)
 Class 372 : COHERENT LIGHT GENERATORS
 372/39 PARTICULAR ACTIVE MEDIA
 372/43 .Semiconductor
 372/44 ..Injection
 372/46 ...Particular current control structure
 372/48Channeled substrate

3 385/14 (1 OR, 2 XR)
 Class 385 : OPTICAL WAVEGUIDES
 385/14 INTEGRATED OPTICAL CIRCUIT

3 385/144 (0 OR, 3 XR)
 Class 385 : OPTICAL WAVEGUIDES
 385/141 HAVING PARTICULAR OPTICAL CHARACTERISTIC
 MODIFYING CHEMICAL COMPOSITION
 385/144 .Of waveguide cladding

3 438/43 (2 OR, 1 XR)
 Class 438 : SEMICONDUCTOR DEVICE MANUFACTURING: PROCESS
 438/22 MAKING DEVICE OR CIRCUIT EMISSIVE OF
 NONELECTRICAL SIGNAL
 438/42 .Groove formation
 438/43 ..Tapered etching

2 257/80 (0 OR, 2 XR)
 Class 257 : ACTIVE SOLID-STATE DEVICES
 257/79 INCOHERENT LIGHT EMITTER STRUCTURE
 257/80 .In combination with or also constituting ligh
 t responsive device

2 257/84 (0 OR, 2 XR)
 Class 257 : ACTIVE SOLID-STATE DEVICES
 257/79 INCOHERENT LIGHT EMITTER STRUCTURE
 257/80 .In combination with or also constituting ligh
 t responsive device
 257/84 ..Combined in integrated structure

2 257/88 (0 OR, 2 XR)
 Class 257 : ACTIVE SOLID-STATE DEVICES
 257/79 INCOHERENT LIGHT EMITTER STRUCTURE

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257/88 .Plural light emitting devices (e.g., matrix,
 7-segment array)

2 359/248 (2 OR, 0 XR)
 Class 359 : OPTICS: SYSTEMS
 359/237 OPTICAL MODULATOR
 359/238 .Light wave temporal modulation (e.g.,
 frequency, amplitude, etc.)
 359/240 ..Changing bulk optical parameter
 359/245 ...Electro-optic
 359/246 Modulation of polarized light via
 modulating input signal
 359/247 Using reflective or cavity structure
 359/248 Semiconductor

2 372/44 (0 OR, 2 XR)
 Class 372 : COHERENT LIGHT GENERATORS
 372/39 PARTICULAR ACTIVE MEDIA
 372/43 .Semiconductor
 372/44 ..Injection

2 385/123 (1 OR, 1 XR)
 Class 385 : OPTICAL WAVEGUIDES
 385/123 OPTICAL FIBER WAVEGUIDE WITH CLADDING

2 385/129 (1 OR, 1 XR)
 Class 385 : OPTICAL WAVEGUIDES
 385/129 PLANAR OPTICAL WAVEGUIDE

2 385/132 (2 OR, 0 XR)
 Class 385 : OPTICAL WAVEGUIDES
 385/129 PLANAR OPTICAL WAVEGUIDE
 385/130 .Thin film optical waveguide
 385/132 ..Channel waveguide

2 385/142 (1 OR, 1 XR)
 Class 385 : OPTICAL WAVEGUIDES
 385/141 HAVING PARTICULAR OPTICAL CHARACTERISTIC
 MODIFYING CHEMICAL COMPOSITION
 385/142 .Of waveguide core

2 385/16 (1 OR, 1 XR)
 Class 385 : OPTICAL WAVEGUIDES
 385/15 WITH OPTICAL COUPLER
 385/16 .Switch (i.e., switching from one terminal to
 another, not modulation)

2 385/2 (1 OR, 1 XR)

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Class	385 :	OPTICAL WAVEGUIDES
385/1		TEMPORAL OPTICAL MODULATION WITHIN AN OPTICAL WAVEGUIDE
385/2		.Electro-optic

2	385/33	(1 OR, 1 XR)
	Class	385 : OPTICAL WAVEGUIDES
	385/15	WITH OPTICAL COUPLER
	385/31	.Input/output coupler
	385/33	..Lens

2	385/40	(0 OR, 2 XR)
	Class	385 : OPTICAL WAVEGUIDES
	385/15	WITH OPTICAL COUPLER
	385/39	.Particular coupling structure
	385/40	..Electrodes on or near the coupling region

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2 385/129
2 385/132
2 385/142
2 385/16
2 385/2
2 385/33
2 385/40

10027906_EAST

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4903275
5778112
5780875
5793790
5940423
5995270
4243399
4370021
4468567
4484794
4493530
4592061
4632709
4768860
4788161
4788689
4815087
4843609
4856859
4865417
4871221
4884858
4885753
4890292
4900112
4978188
4983541
5008547
5013129
5064266
5193761
5206185
5210814
5269825
5276753
5299218
5309472
5335306
5369718
5408569
5442467
5519722
5568500
5591407
5611015
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